

NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION
STREAMBANK AND SHORELINE PROTECTION
(feet)
CODE 580

SCOPE

This specification covers the installation of measures for streambank and shoreline protection. Construction shall be in accordance with the construction plans and these specifications.

INSTALLATION

Clearing. Trees, brush, stumps, debris, rock, and gravel bars as shown on the drawings or staked in the field shall be removed and disposed of in designated areas.

Removal of any trees and brush shall be done in such a manner as to avoid damage to other trees and property.

Disposal of trees, brush, and other material shall be done in such a way as to have the least detrimental effect on the environment.

Clearing and disposal methods shall be in accordance with state and county laws with due regard to the safety of persons and property.

Grading. Any cuts and fills required to reduce the slopes of streambanks, or to prepare subgrade surfaces for rock riprap, or other structures shall be to the lines, grades, and elevations as shown on the plans and/or staked in the field. All fills shall be compacted to at least the density of the adjacent undisturbed materials.

Structures. All structures shall be built to the lines, grades, elevations, and dimensions shown on the plans. All materials including rock riprap shall be as shown on the plans.

Rock riprap. If a filter blanket is required it shall be placed as shown on the plans.

Rock riprap shall be placed on the surfaces and to the depth shown on the plans. The riprap shall be constructed to the required thickness in one operation and in such a manner as to avoid serious displacements of the underlying materials.

Vegetative cover. Unless otherwise specified, a protective cover of vegetation shall be established on the disturbed area. The planting of vegetative materials shall conform to the requirements of Practice Specification 342, Critical Area Planting.

Workmanship. All construction shall be performed in a workmanlike manner, and the job site shall have a neat appearance when finished.

All disturbed areas not graveled or paved will be vegetated to control erosion.

CONSTRUCTION OPERATIONS

Construction operations shall be carried out in such a manner and sequence that erosion and air and water pollution are minimized and held within legal limits.

The owner, operator, contractor or other persons will conduct all work and operations in accordance with proper safety codes for the type of construction being performed with due regards to the safety of all persons and property.

SAFETY

Landowners or operators, sponsoring organizations, and contractors shall be liable for damage to utilities and damage resulting from disruption of service caused by construction activities. The Natural Resources Conservation Service makes no representation on the existence or non-existence of any utilities. Absence of utilities on the drawings is not assurance that no utilities are present at the site.

It is the responsibility of the landowner or operator to determine if there are buried or overhead utilities in the vicinity of the proposed work. They should take proper procedures to insure that the utilities shall not be jeopardized and that equipment operators and others will not be injured during construction operations.